Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 24 Jul 2023 until 23:59 on Tuesday 25 Jul 2023

Forecast Issued on Monday 24 Jul 2023 at 04:25

Confidence: High confidence in overall weather story, but much lower in details and timings of rain and showers Wednesday onwards.

Headline for Monday 24 Jul 2023: Rain and cloud soon clearing to a day of sunny spells and isolated showers.

Mountain weather hazards on Monday 24 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
60%	10%	20%	20%	20%	10%

Forecast for Monday 24 Jul 2023

Weather: Rain, drizzle, and low cloud affecting Southern Peak District will soon clear away to the south. Clearer skies following with fair weather cloud then bubbling up to give a day of sunny spells. Although much of the Peaks will remain dry, one or two isolated showers are expected to develop from late-morning. Any showers fading this evening, leaving a dry night. Chilly under clearing skies.

Chance of cloud-free hill tops above 600m: 60% at first in the south, becoming greater than 90% by late-morning.

Low cloud and visibility: Banks of low cloud with bases of 400-500m lie across the south of the park associated with a rain band. This clearing to the south by mid-morning, with cloud bases lifting and breaking to be above summits. Bases then remaining above summits throughout, even in any showers. Visibility poor in early rain or drizzle otherwise generally very good. Brief deteriorations to moderate possible in any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 24 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 NE	17/22 NE	12/17 N	9/12 N	8/11 NW	7/10 W	7/10 SW
300	15/24 NE	14/18 NE	9/13 N	8/13 N	7/11 NW	6/11 W	6/9 SW
Valley	13/27 NE	10/19 NE	7/13 N	7/13 N	6/12 NW	5/11 W	3/7 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/5	11/8	12/10	12/10	10/8	9/7
300	10/7	12/9	14/12	15/14	14/13	12/11	11/10
Valley	11/8	13/11	15/14	16/15	15/14	13/12	11/11
Freezing Level*	2200m	1800m	1900m	2000m	2000m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions much improved compared to the weekend with plenty of fine weather and sunny spells. Due to recent rain, some watercourses are likely to still be swollen and surfaces slippery underfoot. High UV levels forecast this afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 24 Jul 2023	12.8mm	56.2mm	61.6mm

Forecast for Tuesday 25 Jul 2023

Weather: A bright start, perhaps chilly where skies were clearer overnight. Cloud amounts building through the morning with sunny intervals and a few well-scattered showers through the afternoon, mainly in the east. Showers easing off by the evening with plenty of late sunshine as skies clear across western Peaks.

Maximum wind: Northwest 10-20mph, isolated gusts up to 25mph during the afternoon.

Chance of cloud-free hill tops above 600m: 90% or more throughout.

Low cloud and visibility: Some ragged patches of early cloud could briefly obscure higher slopes in the west of the park, but this soon clearing. Cloud building through the day with bases comfortably above the summits. Visibility generally very good, deteriorating slightly and briefly in any showers.

Temperature: **Valleys:** Plus 9 Celsius, rising to Plus 17 Celsius.
At 600m: Plus 7 Celsius, rising to Plus 13 Celsius.
Freezing level: Above summits.

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